epiSUMMARY

Manitoba Monthly Surveillance Report

January 2016

Reportable Diseases	Monthly Cases		Monthly Rate (95%CI) (Per 1,000,000)		Current Month Cases by RHA						Year-to-Date Cases		
Disease or Organism Name	Current	3-Year-Average	Current	3-Year-Average	WRHA	IERHA	NRHA	PMH	SH	Unk	2016	2015	Change
Enterics													
CRYPTOSPORIDIOSIS	2	1	1.5 (0.2-5.5)	0.8 (0.0-4.3)	2	0	0	0	0	0	2	1	1
E. COLI-VEROTOXIGENIC	2	2	1.5 (0.2-5.5)	1.5 (0.2-5.5)	0	0	0	1	1	0	2	2	0
AMEBIASIS	2	2	1.5 (0.2-5.5)	1.5 (0.2-5.5)	2	0	0	0	0	0	2	1	1
SHIGELLOSIS	2	1	1.5 (0.2-5.5)	2.3 (0.5-6.7)	0	0	0	1	1	0	2	1	1
GIARDIASIS	10	7	7.6 (3.6-13.9)	5.4 (2.2-11.0)	7	0	0	0	3	0	10	5	5
CAMPYLOBACTERIOSIS	4	11	3.0 (0.8-7.8)	8.4 (4.2-15.1)	4	0	0	0	0	0	4	10	-6
SALMONELLOSIS	24	18	18.2 (11.6-27.0)	13.8 (8.2-21.8)	8	4	0	5	7	0	24	18	6
VPD													
DIPHTHERIA CARRIERS	1	0	0.8 (0.0-4.2)	0.0 (0.0-2.8)	1	0	0	0	0	0	1	0	1
PERTUSSIS	8	0	6.1 (2.6-11.9)	0.0 (0.0-2.8)	2	2	4	0	0	0	8	0	8
H. INFLUENZAE (NON-SEROTYPE B)	4	1	3.0 (0.8-7.8)	0.8 (0.0-4.3)	0	2	0	0	2	0	4	1	3
PNEUMOCOCCAL INVASIVE DISEASE	6	13	4.5 (1.7-9.9)	10.0 (5.3-17.0)	1	1	2	0	2	0	6	9	-3
Respiratory Diseases and TB													
TB - NON-RESP.	5	1	3.8 (1.2-8.8)	0.8 (0.0-4.3)	4	0	1	0	0	0	5	2	3

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TB - RESP.	4	12	3.0 (0.8-7.8)	9.2 (4.8-16.1)	2	0	2	0	0	0	4	6	-2
INFLUENZA B	5	16	3.8 (1.2-8.8)	12.3 (7.0-19.9)	0	0	0	0	5	0	5	21	-16
INFLUENZA A	23	445	17.4 (11.0-26.1)	340.9 (310.0-374.1)	11	4	2	3	3	0	23	577	-554
EMD and Zoonotics													
ANAPLASMOSIS	1	.....	0.8 (0.0-4.2)	.....	0	1	0	0	0	0	1	0	1
BLASTOMYCOSIS	1	1	0.8 (0.0-4.2)	0.8 (0.0-4.3)	1	0	0	0	0	0	1	2	-1
MALARIA	3	1	2.3 (0.5-6.6)	0.8 (0.0-4.3)	3	0	0	0	0	0	3	2	1
STBBI													
HIV	8	9	6.1 (2.6-11.9)	6.9 (3.2-13.1)	4	1	1	0	2	0	8	6	2
GONORRHEA	128	111	96.9 (80.9-115.3)	85.0 (70.0-102.4)	74	7	42	1	4	0	128	99	29
CHLAMYDIA	634	612	480.2 (443.5-519.0)	468.9 (432.4-507.5)	307	46	178	59	44	0	634	603	31
INFECTIOUS SYPHILIS*	23	9	17.4 (11.0-26.1)	6.9 (3.2-13.1)	7	0	13	2	1	0	23	18	5
SYPHILIS (Sero-reactive)*	146	37	110.6 (93.4-130.0)*	28.3 (20.0-39.1)	82	6	42	9	7	0	146	63	83
HEPATITIS B*	1	1	0.8 (0.0-4.2)	0.8 (0.0-4.3)	0	0	0	0	1	0	1	0	1
HEPATITIS C	30	27	22.7 (15.3-32.4)	20.7 (13.6-30.1)	20	4	1	4	1	0	30	26	4
OTHER DISEASES													
STREP. INVASIVE DISEASE (GROUP A)	17	13	12.9 (7.5-20.6)	10.0 (5.3-17.0)	7	2	5	2	1	0	17	18	-1
CLOSTRIDIUM DIFFICILE	100	74	75.7 (61.6-92.1)	56.7 (44.5-71.2)	71	5	2	12	10	0	100	71	29

Data extracted: ***March 15, 2016***

Notes and Abbreviations

Notes:

1. 3-year-average cases / rate are defined as the average cases / rate reported in the same month over the previous three years.
2. Out-of-province cases are excluded.
3. The diseases where the current monthly rates are significantly higher than the previous 3-year average rates for the same month are highlighted yellow.
4. Syphilis (sero-reactive): This category includes all reported Treponema pallidum serology-reactive individuals reported to the Public Health Surveillance System. These reports include infectious and non-infectious cases, as well as those requiring further public health follow-up to determine this status (implemented in 2013).
5. Syphilis (infectious): This category includes all confirmed infectious syphilis cases with primary, secondary, early latent stage of infection, or congenital syphilis as defined by the MHHLS Communicable Disease Protocol. This addition to the report is effective January, 2016.
6. Hepatitis B: This includes confirmed cases of acute infection only, where both surface antigen (HBsAG) and core antibody (Anti-HBc IgM) are positive.
7. Since the reportable diseases' list was updated in January 2015, this monthly report was correspondingly modified.
8. The two categories "ARO and Nosocomial Organisms" and "Non VPD" have been combined to the category "Other diseases" since Jan 2015.

Abbreviations:

ARO	Antibiotic Resistant Organisms
CI	Confidence Interval
EMD	Environmentally Mediated Diseases
IERHA	Interlake-Eastern Regional Health Authority
NRHA	Northern Regional Health Authority
PMH	Prairie Mountain Health
RHA	Regional Health Authority
STBBI	Sexually Transmitted & Blood-Borne Infections
TB	Tuberculosis
VPD	Vaccine Preventable Diseases
WNV	West Nile Virus
WRHA	Winnipeg Regional Health Authority